

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 6,759,471 B1  
DATED : July 6, 2004  
INVENTOR(S) : Hideo Ukuda

Page 1 of 4

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Drawings,

Sheet 13, Figure 14, "SILYCON" should read -- SILICONE --.

Column 1,

Line 37, "e.g. SPIE" should read -- e.g., SPIE --.

Line 59, "Struc" should read -- struc --.

Line 67, "then" should read -- than --.

Column 2,

Line 18, "No. 09-127321" should read -- No. 9-127321 --.

Line 32, "etc. In" should read -- etc. in --.

Line 47, "Publication Laid-Open No. 6-16450" should read -- Application Laid-Open No. 6-16450 --.

Line 53, "2-ethozy-ethyl" should read -- 2-ethoxy-ethyl --.

Column 3,

Line 1, "region,.of" should read -- region, of --.

Lines 20 and 26, "O<sub>2</sub>" should read -- O<sub>2</sub>) --.

Line 30, "inthird" should read -- third --.

Column 5,

Line 54, "Example 1:" should read -- Example 1; --.

Column 6,

Line 29, " $\chi$ " should read --  $\chi^1$  --.

Line 41, "<40" should read --  $\leq 40$  --.

Column 7,

Line 62, "an" should read -- on --.

Column 8,

Line 11, "(n<sub>d</sub>1.38)" should read -- (n<sub>d</sub>=1.38) --.

Line 14, "TiO<sub>2</sub>," should read -- TiO<sub>2</sub> --.

Line 16, "BaTiO<sub>3</sub>," should read -- BaTiO<sub>3</sub> --.

Line 63, "6.667" should read -- 6.667 --.

Column 9,

Lines 25 and 27, "TiO<sub>2</sub>," should read -- TiO<sub>2</sub> --.

Line 36, "In" should read -- in --.

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Column 9 (cont'd),

Lines 37 and 63, "6.667" should read -- -6.667 --.  
Line 40, " $v_b$ " should read --  $v_d$  --.

Column 10,

Line 19, "with" should read -- with PMMA. --.  
Line 21, "6.667" should read -- -6.667 --.

Column 11,

Line 18, " $n_d$ " should read -- ( $n_d$  --.  
Line 22, "film" should read -- films --.

Column 12,

Line 11, "180C" should read -- 180°C --.  
Line 19, "U1000" should read -- U4000 --.  
Line 42, " $TiO_2$ " should read --  $TiO_2$ , --.  
Line 48, " $(C_4F_9)$ " should read --  $(C_4F_9)_3N$  --.  
Line 63, "is" should be deleted.

Column 13,

Line 19, "reflective" should read -- refractive -- and " $V_d$ " should read --  $v_d$  --.  
Line 37, "N-3" should read -- N-(3 --.  
Lines 39 and 48, " $TiO_2$ ," should read --  $TiO_2$  --.  
Line 57, "DK7" should read -- BK7 --.

Column 14,

Line 16, " $TiO_2$ ," should read --  $TiO_2$  --.  
Line 43, "1.9581" should read -- 1.8581 --.

Column 15,

Line 20, "6.667" should read --  $-6.667 \times 10^{-3} v_d + 1.70$ , --.  
Line 23, "Kanabo" should read -- Kanebo --.  
Line 26, "articles" should read -- particles --.  
Line 39, " $(n_d > 1.29)$ " should read -- ( $n_d = 1.29$ ) --.  
Line 63, " $n_d$ " should read -- ( $n_d$  --.  
Line 65, " $v_d \leq$ " should read --  $v_d \leq 40$  --.

Column 16,

Line 5, " $TiO_2$ ," should read --  $TiO_2$  --.  
Line 7, " $\gamma$ -methacryloxypropyltrimethoxysilane" should read  
--  $\gamma$ -methacryloxypropyltrimethoxysilane --.

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Column 16 (cont'd),

Line 16, " $((n_d=1.59))$ " should read --  $(n_d=1.59)$  --.

Line 17, " $((n_d=1.48))$ " should read --  $(n_d=1.48)$  --.

Column 17,

Line 34, "ethyltrimethoxysilone" should read -- ethyltrimethoxysilane --.

Line 35, "wan" should read -- was --.

Line 53, "BSK7" should read -- BK7 --.

Column 18,

Line 18, " $v_d$ " should read --  $v_d$ ) --.

Line 30, " $n_d, v_d=(1.5931)$ " should read --  $(n_d, v_d)=(1.5938$  --.

Line 46, "late;" should read -- late: --.

Column 19,

Line 43, " $v_d$ ," should read --  $v_d$ ) --.

Lines 50 and 57, " $TiO_2$ ," should read --  $TiO_2$  --.

Column 20,

Line 2, "on for" should read -- on, or for --.

Line 24, " $O^2$ " should read --  $O_2$  --.

Line 30, " $TiO_2$ ," should read --  $TiO_2$  --.

Line 67, "due" should read -- due to attachment --.

Column 21,

Line 5, (Table 1), "1-30" should read -- 1-x --, and " $O_3$ " should read --  $O_2$  --.

Line 12, (Table 1), "1.365" should read -- 1.366 --.

Line 26, (Table 2), "93" should read -- 19 --.

Line 27, (Table 2), "1.475 17.6" should read -- 1.478 17.8 --.

Lines 59, 61, 63 and 65, (Table 4), " $N_d$ " should read --  $n_d$  --.

Column 23,

Line 10, " $n_d, v_d$ " should read --  $(n_d, v_d)$  -- and "1.8581" should read -- (1.8581 --.

Line 12, " $v_d$ " should read --  $v_d$ ) --, and "1.525" should read -- (1.525 --.

Line 16, " $(N_d, v_d = 1.8581)$ " should read --  $(n_d, v_d) = (1.8581$  --.

Line 17, "15.6" should read -- 15.5 --.

Line 18, " $(N_d, v_d=1.534)$ " should read --  $(n_d, v_d) = (1.534$  --.

Line 41, "<" should read --  $\leq$  --.

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Column 25,

Line 12, "ration" should read -- ratio --.

Column 27,

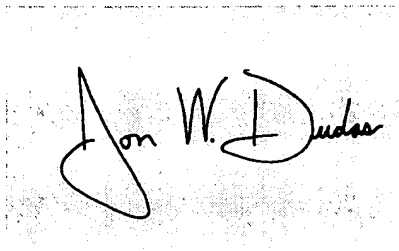
Line 6, "material a" should read -- material, a --.

Column 28,

Line 20, "22, or 23" should read -- 22 or 23 --.

Signed and Sealed this

Eighth Day of November, 2005

A handwritten signature in black ink, reading "Jon W. Dudas", is enclosed within a rectangular dashed-line box. The signature is stylized, with the first name "Jon" and last name "Dudas" clearly legible, and "W." in the middle.

JON W. DUDAS

*Director of the United States Patent and Trademark Office*